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(54) **THOUGHTFUL ELDERLY MONITORING IN A SMART HOME ENVIRONMENT**

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(58) **Field of Classification Search**

CPC **G08B 21/0423**; **G06N 20/00**

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See application file for complete search history.

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(57) **ABSTRACT**

Various arrangements are presented for monitoring a resident of a residence. A confidence assessment may be performed based on a plurality of smart home devices in the residence. The residence may be identified as eligible for monitoring of the resident based on the confidence assessment. A learning process may be performed to create an ordinary behavior model. Data that is received from the plurality of smart home devices may be monitored to identify data indicative of behavior considered unusual based on the ordinary behavior model.

18 Claims, 7 Drawing Sheets

